

Amendments to the Claims

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims:

Claims 1 – 11 (cancelled)

Claim 12 (currently amended): A method of fuel combustion, in which a jet of fuel and at least two jets of oxidizer are injected from a furnace wall, the first jet of oxidizer, called the primary jet, being injected so as to be in contact with the jet of fuel and to generate a first incomplete combustion, the gases originating from this first combustion still comprising at least a portion of the fuel, and the second jet of oxidizer being injected at a distance from the jet of fuel in such a way as to combust with the portion of the fuel present in the gases originating from the first combustion, the fuel being a gas or a liquid, the primary jet of oxidizer being divided into two primary jets:

- a) a first primary jet of oxidizer, called a central primary jet, injected in a center of the jet of fuel along an axis of the jet of fuel; and
- b) a second primary jet of oxidizer, called a sheathing primary jet, injected coaxially around the jet of fuel, wherein the primary jet of oxidizer representing between 2% and 50% of a total quantity of oxidizer combusted.

Claim 13 (previously presented): The method of claim 12, wherein an injection velocity of the central primary jet of oxidizer is greater than an injection velocity of the jet of fuel.

Claim 14 (previously presented): The method of claim 12, wherein an injection velocity of the jet of fuel is greater than an injection velocity of the sheathing primary jet of oxidizer.

Claim 15 (previously presented): The method of claim 12, wherein an injection velocity of the second jet of oxidizer is greater than an injection velocity of the sheathing primary jet of oxidizer.

Claim 16 (previously presented): The method of claim 12, wherein a ratio of the distance defined between a point of injection of the central primary jet of oxidizer and a point of injection of the second jet of oxidizer to an injection velocity of the second jet of oxidizer lies between 10^{-3} s and 10^{-2} s.

Claim 17 (previously presented): The method of claim 12, wherein a third jet of oxidizer is injected at a point situated between a point of injection of the central primary jet of oxidizer and a point of injection of the second oxidizing jet.

Claim 18 (previously presented): The method of claim 17, wherein an injection velocity of the second jet of oxidizer is greater than an injection velocity of the third jet of oxidizer.

Claim 19 (previously presented): The method of claim 17, wherein a ratio of a distance defined between the point of injection of the second jet of oxidizer and the point of injection of the central primary jet of oxidizer to a distance defined between the point of injection of the third jet of oxidizer and the point of injection of the central primary jet of oxidizer lies between 2 and 10.

Claim 20 (previously presented): The method of claim 12, wherein the two primary jets of oxidizer have a same oxygen concentration.

Claim 21 (previously presented): The method of claim 12, wherein an oxygen concentration of the central primary jet of oxidizer is greater than an oxygen concentration of the sheathing primary jet of oxidizer.

Claim 22 (canceled)